

FIG. 1A

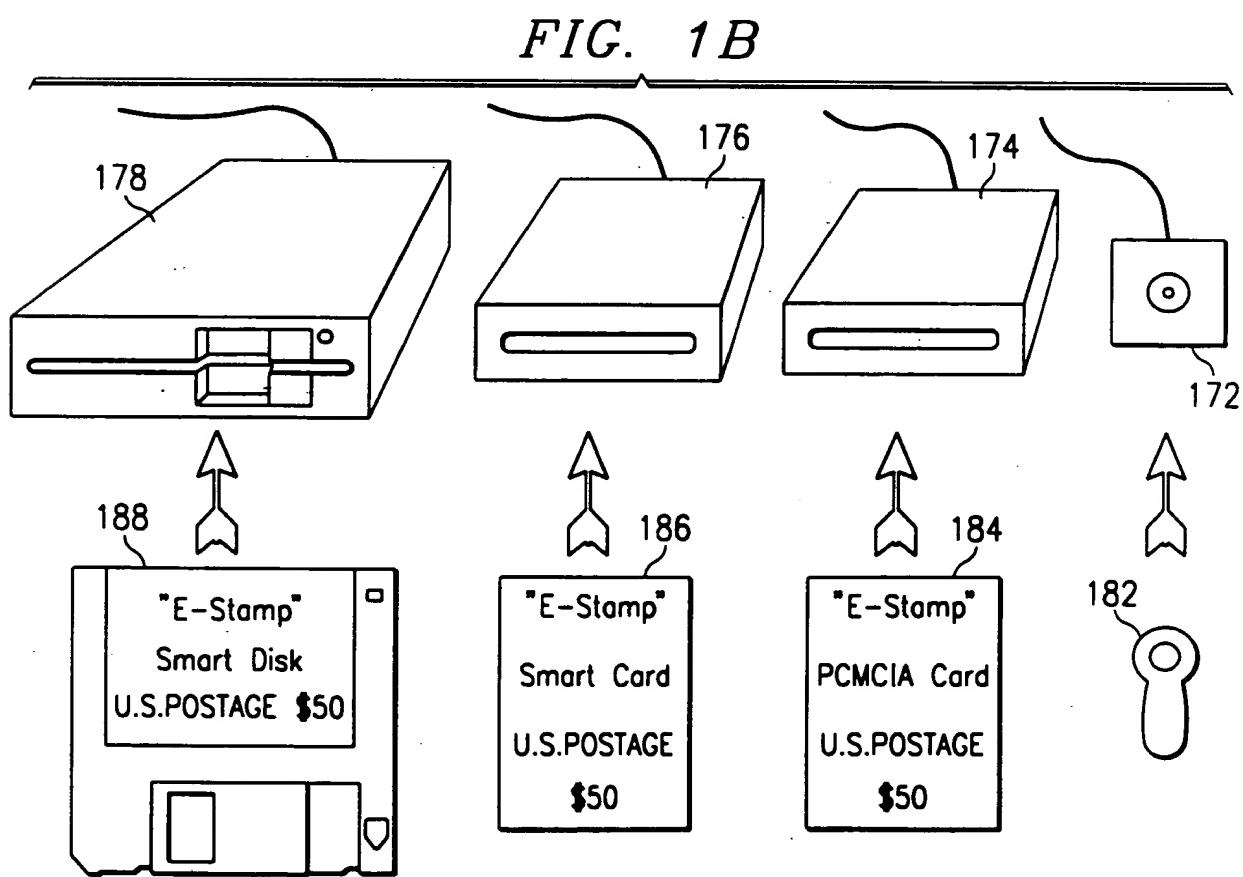


FIG. 1B

"E-Stamp" - Post N Mail, Inc.

201 Software installation & screen prompts.
1. Insert disk 1 in drive.
2. Select Run...from File Menu in Program Manager
3. Type b:\setup and click O.K. (substitute b for correct drive)
4. Follow instructions on screen.

Screen 1. 203 1. Connect TMU holder to your Serial port. 2. Insert TMU button in holder.
3. Switch ON your printer, check paper.
4. Prepare the following information: Full name and address of owner,
EIN # (if organization), Social Security # (if individual)
Zip code 5+4, telephone and Fax #

Proceed

Screen 2. 205 1. Legal terms, conditions and Licensing agreement.
2. Acceptance of above by clicking Proceed.

Proceed

Screen 3. 207 1. Display of "E-STAMP" serial # and TMU serial # (non-accessible)
2. Enter owner information

Proceed

Screen 4. 209 WARNING.: Verify above information.
LAST CHANCE

Proceed

Screen 5. 211 1. Please ensure printer is ON LINE
2. The above information will be printed in triplicate
3. Sign and mail two copies to Post N Mail, retain one copy
4. A registration card will be mailed to you to access TMU refilling stations

Proceed

Screen 6. 213 INSTALLATION PROCEEDING
Now copying files... % completed
Insert diskette # 2

Proceed

Screen 7. 215 INSTALLATION PROCEEDING
Now copying files... % completed
Installation completed

FIG. 2

Post N Mail, Inc.
 505 Cypress Station Dr. Suite # 505 Telephone (713)583-8909 Fax (713)699-0101
 Houston, Tx 77030-1612

"E-Stamp"™ - Registration form

31 T.M.U. Button Serial #000000001

Date: April 20, 1994

32 E-Stamp Serial #000000001

Time: 01:29 AM

} 33

35 Registered user:
 Individual Salim G. Kara
 Organization Global Impex, Inc.
 Address: 505 Cypress Station Dr.
 Suite #505
 City: Houston State: Tx Zipcode+4: 77090-1612
 Telephone: (713)583-8909 Fax: (713)699-0101

Social Security # 636-18-0137
 Employer I.N. # 76-0422781

Post N Mail License Agreement

This is a legal agreement between you (an individual or an entity), the end user, and Post N Mail, Inc. If you do not agree to the terms of this Agreement, promptly return the disk package and accompanying items (including all hardware, written materials and binders or other containers) to the place you obtained them for a full refund.

License

38 1. Grant of License.
 2. Term of License.
 3. Copyright.
 4. Other restrictions.
 5. Limited warranty.
 6. Customer remedies.
 7. No Other Warranties.
 8. No Liability for Consequential Damages.

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Signature

FIG. 3A

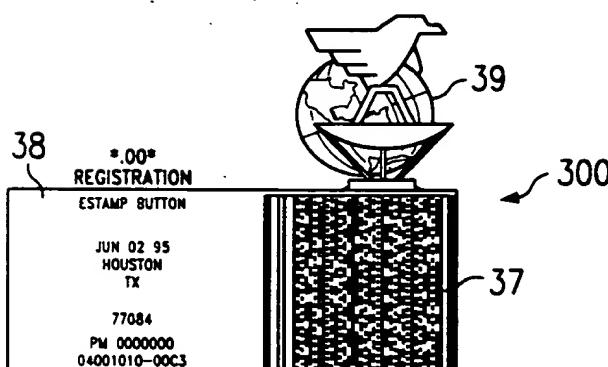


FIG. 3B

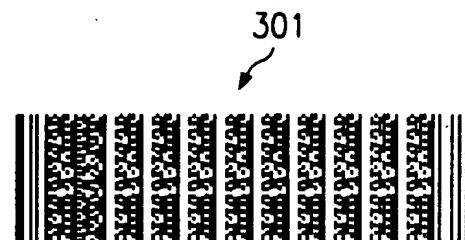


FIG. 3C

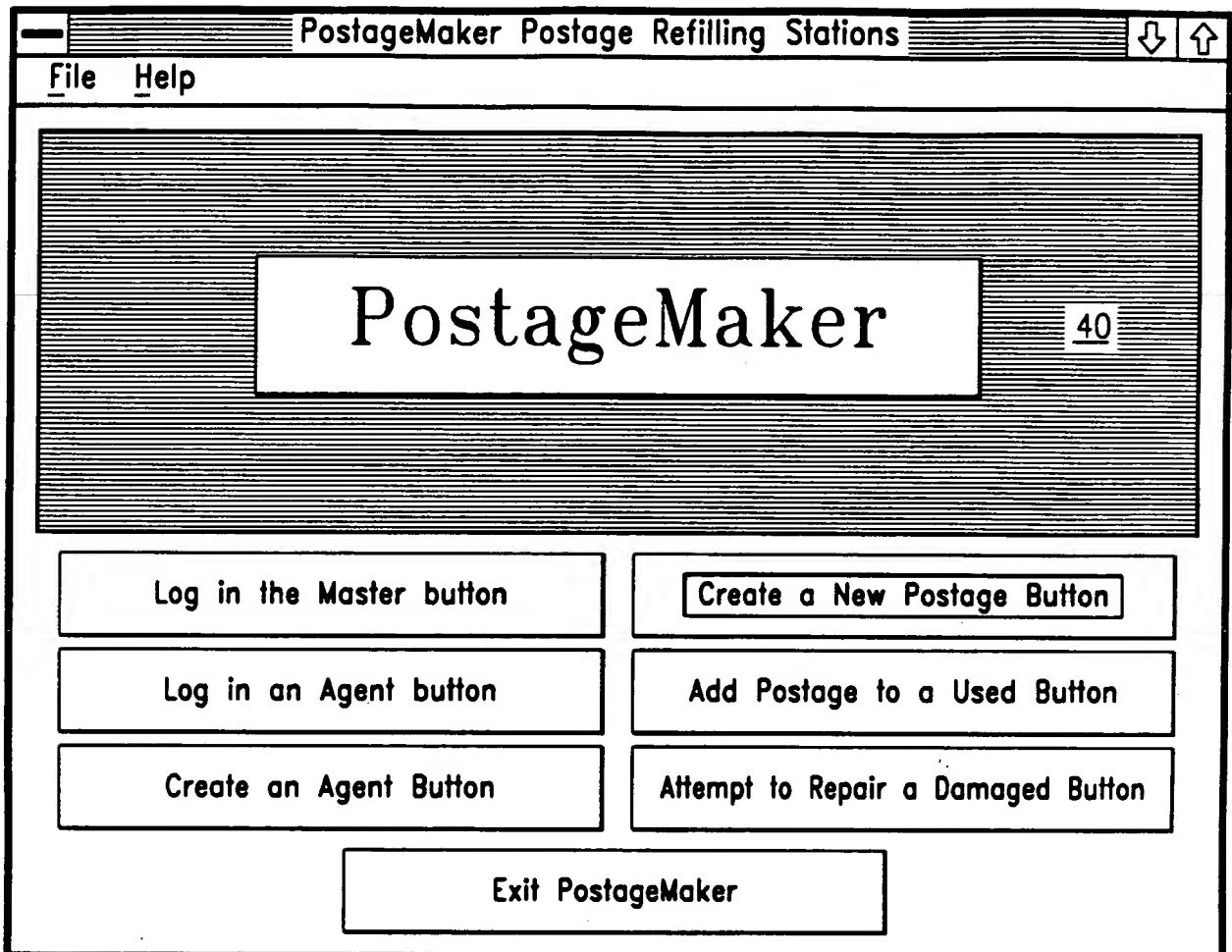


FIG. 4A

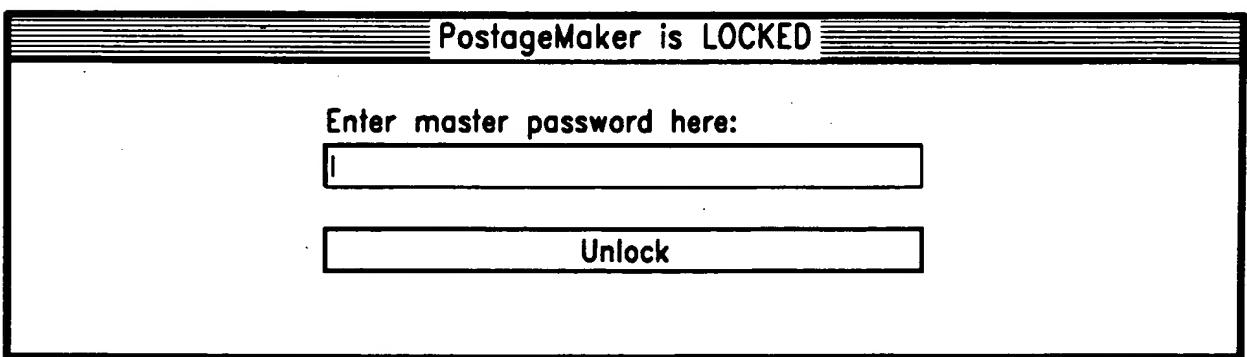


FIG. 4B

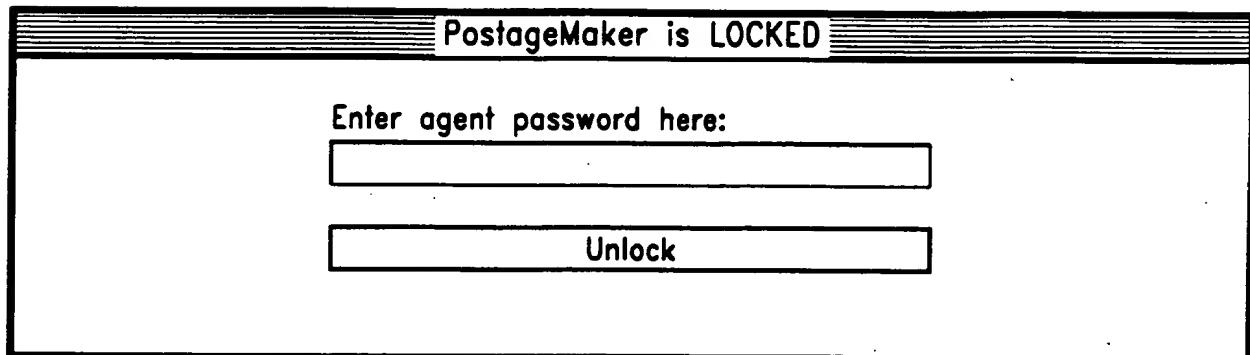


FIG. 4C

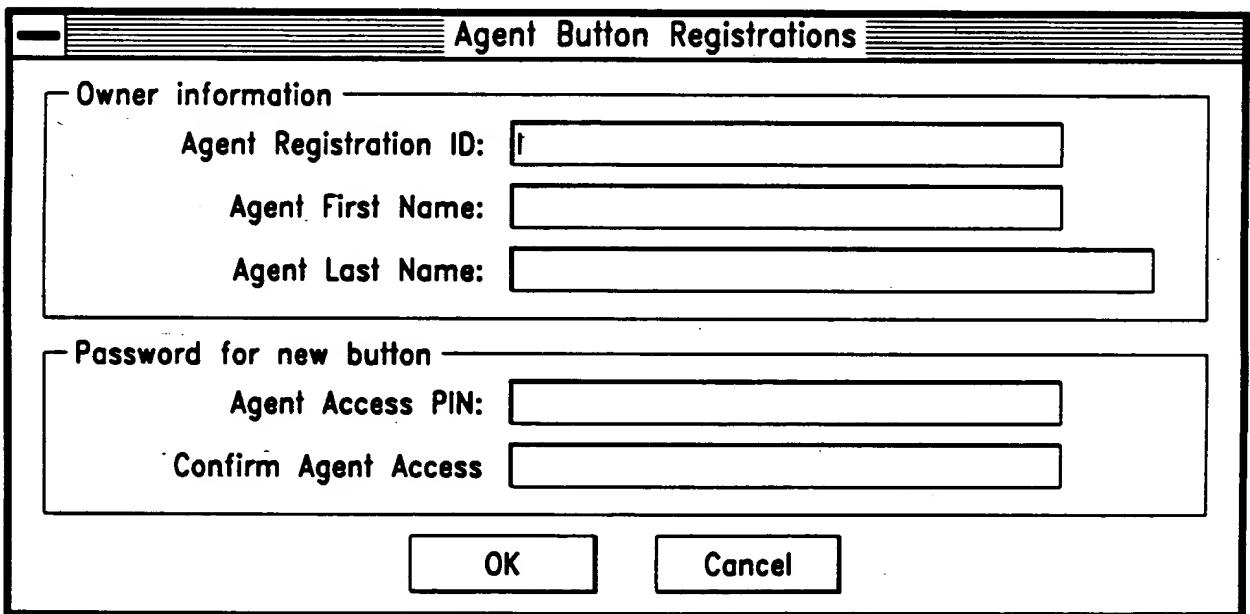


FIG. 4D

Agent Button Registrations

Owner information

Agent Registration ID: AG1234567

Agent First Name: John

Agent Last Name: Smith

Password for new button

Agent Access PIN: ***

Confirm Agent Access ***

OK Cancel

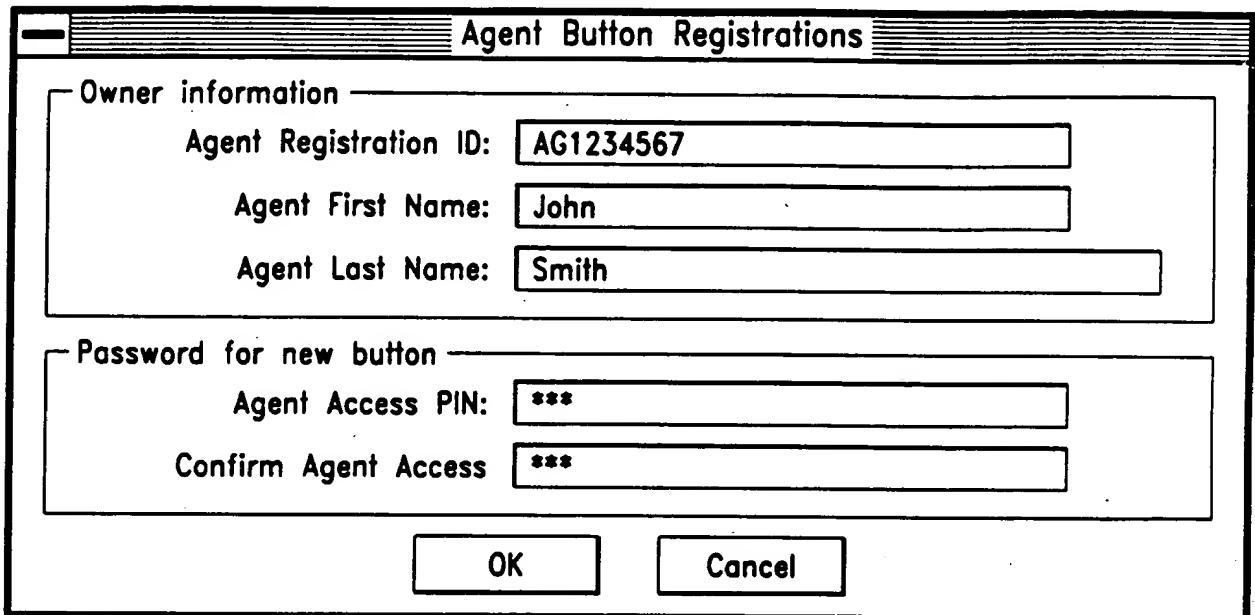


FIG. 4E

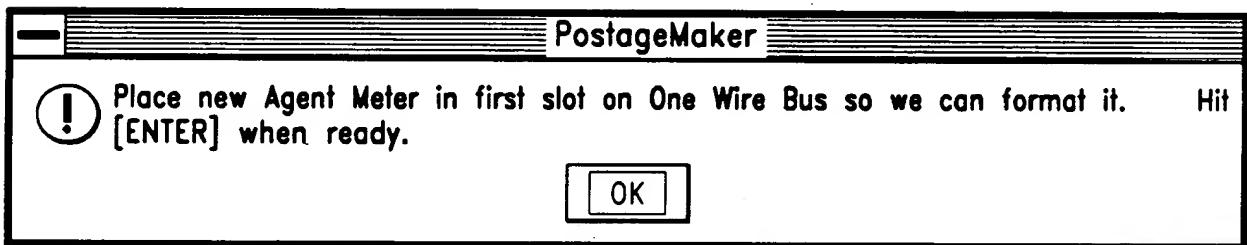


FIG. 4F

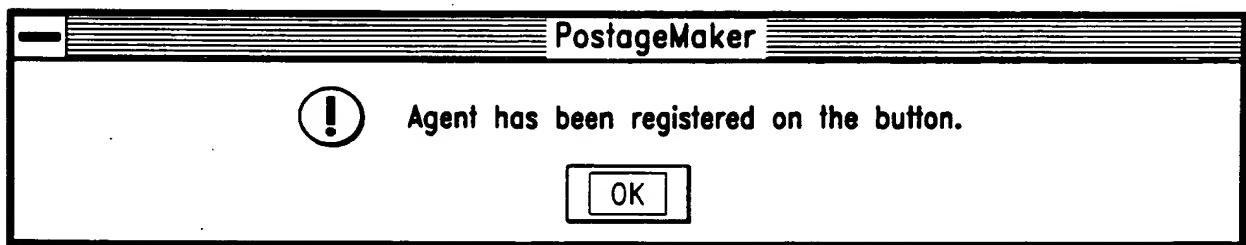


FIG. 4G

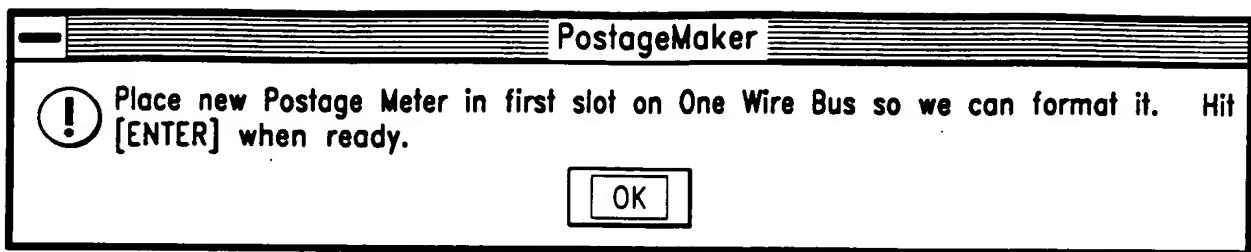


FIG. 4H

RECEIPT RECEIPT NO: AG7654321

POSTAGE BUTTON REFILL SERVICES 5/25

TRANSACTION:

AUTHORIZATION CODE: MA1234567 TRANSACTION DATE: 5/25/95

TRANSACTION TYPE: INITIALIZE

TRANSACTION AMOUNT: 2.00

POSTAGE BUTTON:

SERIAL NO: 0800101000E0 OWNER:

OWNER ZIP CODE:

TRANSACTION COUNTER: 00

REMAINING CREDIT BALANCE: 2.00

FIG. 4I

Add Postage to a Button

Button information

Button Serial No.: 0800101000E0	Name:
PNM Registration No.:	Zip Code:
Last Access On: 05/25/95	Expires On: 08/23/95
Remaining Balance: \$2.00	

Add Postage

Current Balance: \$2.00
Transaction Balance: <input type="text" value="100"/>

Button Refill Information

Refill Date: 05/25/95	Refill Time: 12:37 PM
Site ID: 000001	Workstation 1
Refill Balance:	

OK Accept Re-Enter Cancel

FIG. 4J

Add Postage to a Button

Button information

Button Serial No.:	0800101000E0	Name:	Paul Alto
PNM Registration No.:		Zip Code:	77026-4217
Last Access On:	05/25/95	Expires On:	08/23/95
Remaining Balance:	\$2.00		

Add Postage

Current Balance:	\$102.09
Transaction Balance:	<input type="text"/>

Button Refill Information

Refill Date:	05/25/95	Refill Time:	12:37 PM
Site ID:	000001	Workstation:	1
Refill Balance:			

OK **Accept** **Re-Enter** **Cancel**

FIG. 4K

Add Postage to a Button

Button information

Button Serial No.:	0800101000E0	Name:	
PNM Registration No.:		Zip Code:	
Last Access On:	05/25/95	Expires On:	08/23/95
Remaining Balance:	\$2.00		

Add Postage

Current Balance:	\$2.00
Transaction Balance:	<input type="text"/> 100

Button Refill Information

Refill Date:	05/25/95	Refill Time:	12:37 PM
Site ID:	000001	Workstation:	1
Refill Balance:	\$102.00		

OK **Accept** **Re-Enter** **Cancel**

FIG. 4L

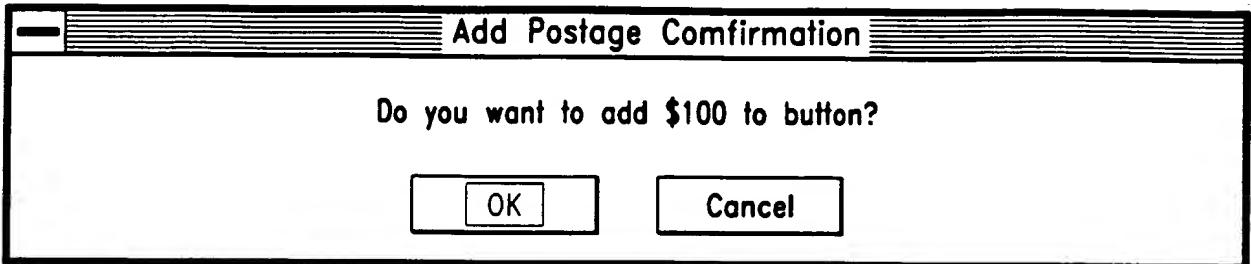


FIG. 4M

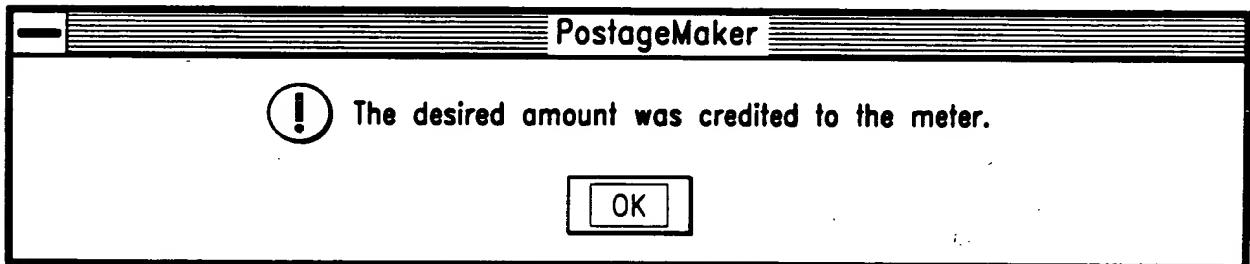


FIG. 4N

RECEIPT	RECEIPT NO:	AG7654321
POSTAGE BUTTON REFILL SERVICES		5/25
TRANSACTION:		
AUTHORIZATION CODE: MA1234567	TRANSACTION DATE: 5/25/95	
	TRANSACTION TYPE: CREDIT	
	TRANSACTION AMOUNT: 100.00	
POSTAGE BUTTON:		
SERIAL NO: 0800101000E0	OWNER:	
	OWNER ZIP CODE:	
	TRANSACTION COUNTER: 01	
	REMAINING CREDIT BALANCE: 102.00	

FIG. 4O

INTERNAL BUTTON CREDIT PROCESS

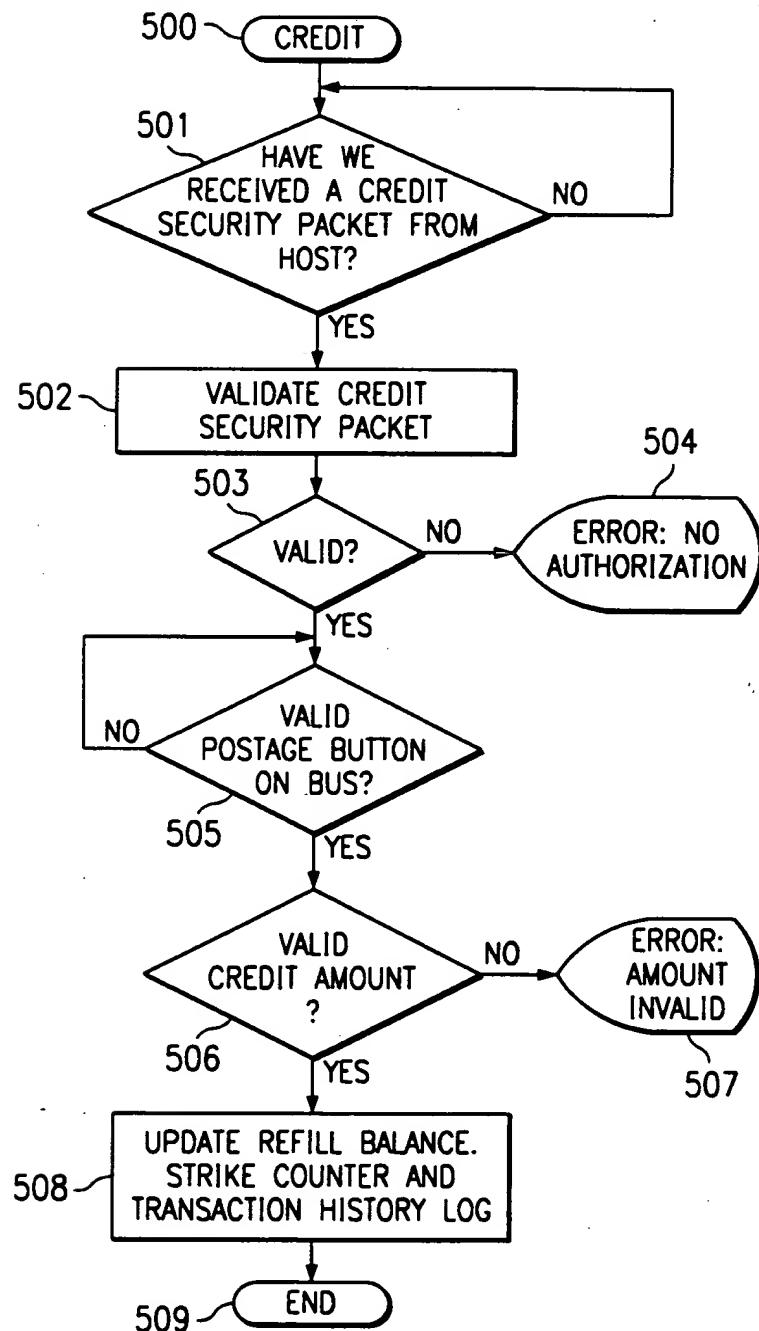


FIG. 5A

TOP 00000000000000000000000000000000

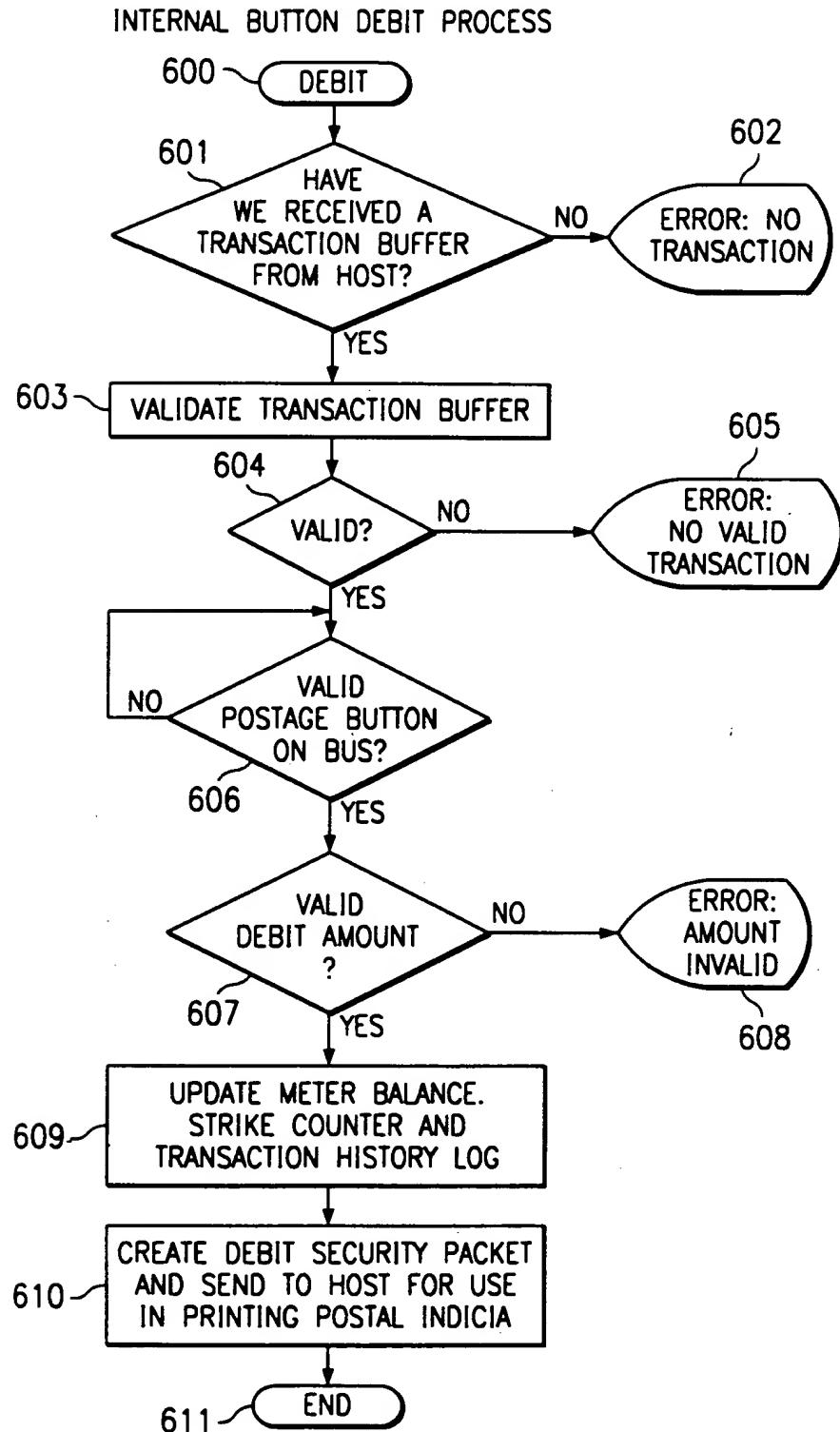
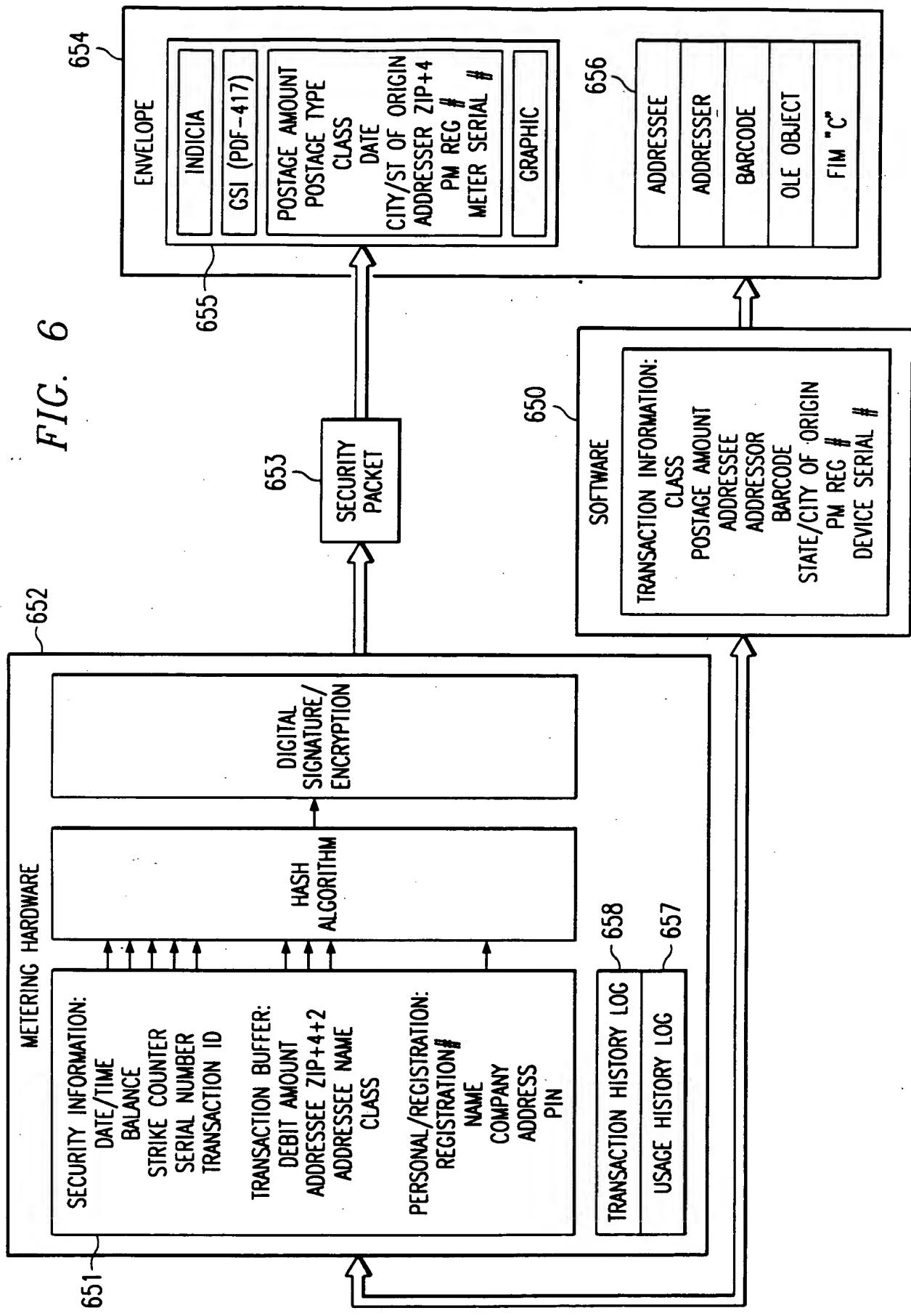


FIG. 5B

00000000000000000000000000000000



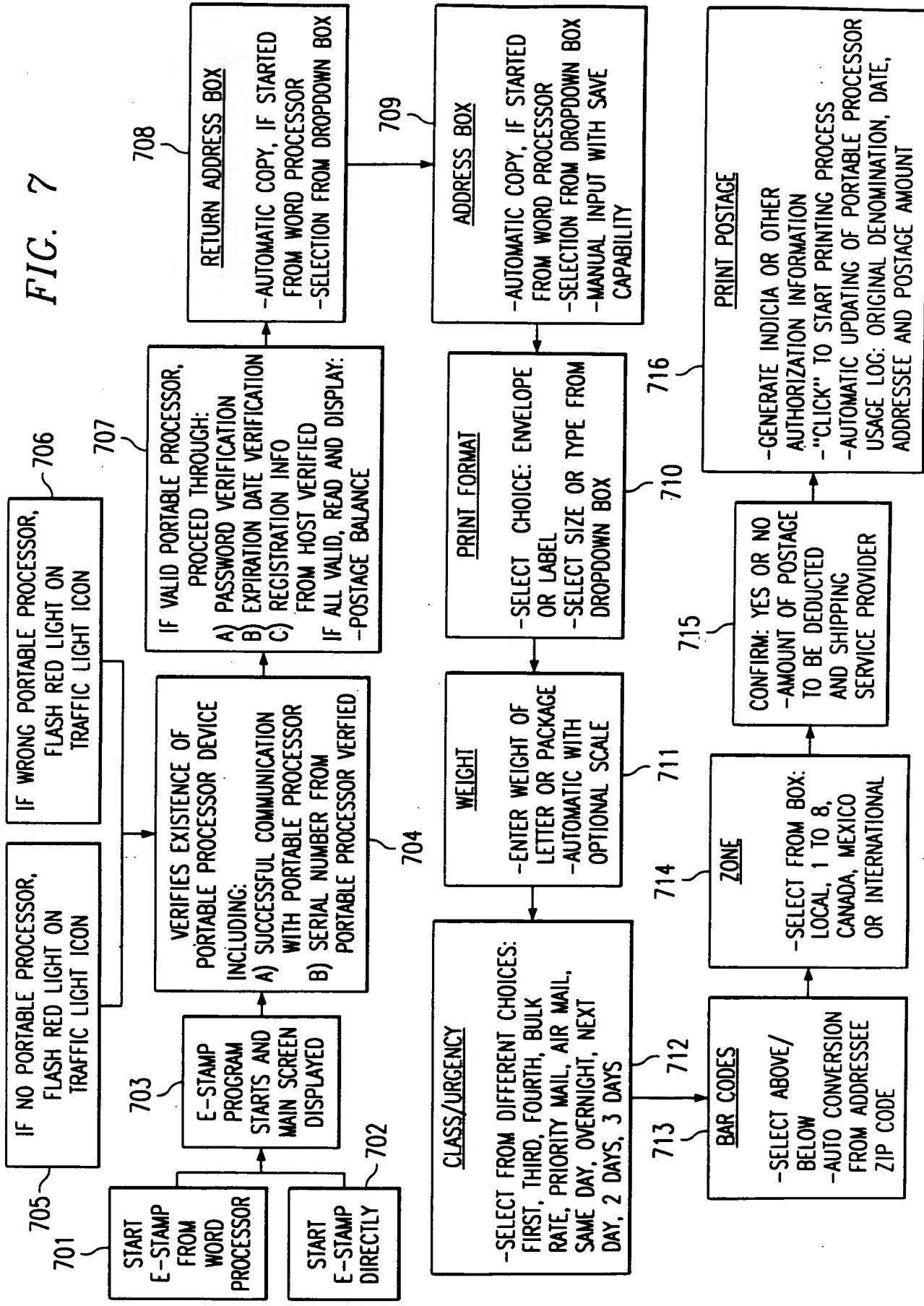


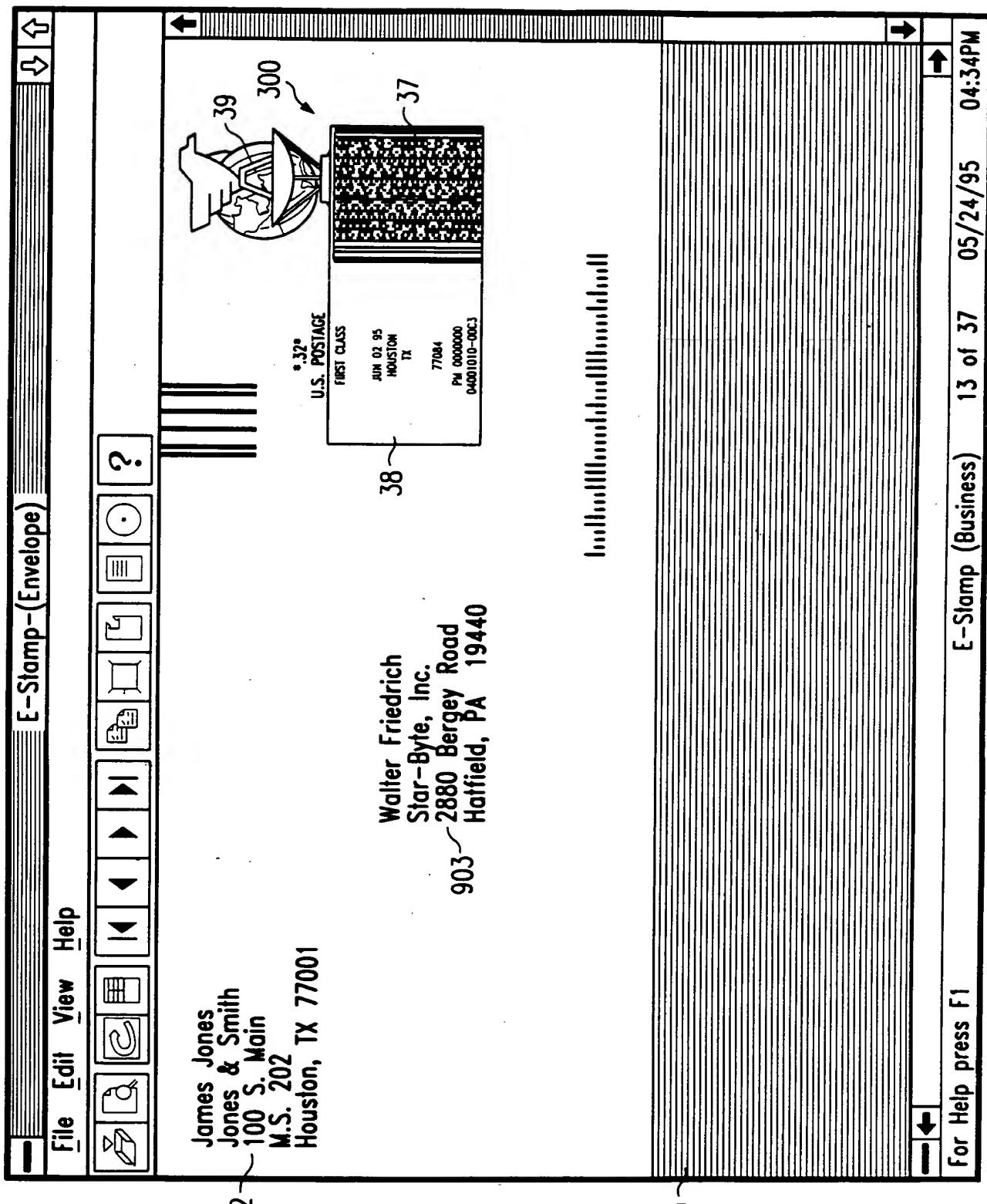
FIG. 8

E-Stamp-(Form)	
<input type="button" value="File"/>	<input type="button" value="Edit"/>
<input type="button" value="Layout"/>	<input type="button" value="Help"/>
Return Address	
Name: Salim G. Kara <input type="button" value="↓"/>	Address 1: 4255 San Felipe, Suite 250
Company: Post N Mail L.C.	Address 2: <input type="text"/>
City: Houston	Zip: 77022-2516
State: TX	<input type="button" value="Save"/>
Country: USA	<input type="button" value="Font"/>
<input type="checkbox"/> Do not print <input type="button" value="Add"/>	
<input type="checkbox"/> Starting position: 1 <input type="button" value="Set label position"/>	
Label	
Weight: <input type="text"/>	Ounces <input type="text"/>
Zone: LOCAL <input type="button" value="↓"/>	Class: FIRST <input type="button" value="↓"/>
<input type="radio"/> Domestic <input type="radio"/> International	
Ready 802 <input type="button" value="806"/>	
Address To	
Name: Mr. Jack T. Trotter	Address 1: 1000 Louisiana, Suite 3600
Company: FALCON 900 INTERNATIONAL	Address 2: <input type="text"/>
City: Houston	Zip: 77002 <input type="button" value="+4: 1212"/>
State: TX	<input type="button" value="Browse"/>
Country: <input type="text"/>	<input type="button" value="Font"/>
<input type="button" value="Save"/>	
<input type="button" value="Add"/>	
Urgency	
<input type="checkbox"/> Same day	
<input checked="" type="checkbox"/> Overnight	
<input type="checkbox"/> Next day	
<input type="checkbox"/> 2 Days	
<input type="checkbox"/> 3 Days	
<input type="checkbox"/> Immaterial	
Selection & Comparison	
<input type="checkbox"/> US Post	
<input type="checkbox"/> Federal Express	
<input type="checkbox"/> DHL	
<input type="checkbox"/> UPS	
<input type="checkbox"/> Purolator	
<input type="checkbox"/> Emery	
Postage	
Button Status	
Calculated \$0.320	
<input type="checkbox"/> Manual	
Button OK. <input type="button" value="804"/>	

FIG. 8A

E-Stamp-(Form)	
File Edit Layout Help	
<input type="checkbox"/> Background On <input checked="" type="checkbox"/> Background Off	<input type="checkbox"/>
Print... Print Preview Print Setup...	Ctrl+P
Verify Addresses Connect Other Data...	
Import <input type="checkbox"/> Yellow <input type="checkbox"/> Export <input type="checkbox"/> Yellow <input type="checkbox"/> Import <input type="checkbox"/> White <input type="checkbox"/> Export <input type="checkbox"/> White	
22-2516	
<input type="button" value="Save"/> <input type="button" value="Delete"/>	
View Log file Print Log file Preview Log File Exit	
Label Starting position: 1 <input type="checkbox"/> Set label position	
Mail Weight: <input type="text"/> Pounds <input type="text"/> Ounces Zone: <input type="checkbox"/> LOCAL <input type="checkbox"/> International Class: <input type="checkbox"/> FIRST <input type="checkbox"/> Second <input type="checkbox"/> Domestic <input type="checkbox"/> International	
Address To Name: <input type="text"/> Mr. Jack T. Trotter Company: <input type="text"/> FALCON 900 INTERNATIONAL Address 1: <input type="text"/> 1000 Louisiana, Suite 3600 Address 2: <input type="text"/> City: <input type="text"/> Houston State: <input type="text"/> TX Zip: <input type="text"/> 77002 +4: <input type="text"/> 1212 Country: <input type="button" value="Browse"/> <input type="button" value="Font"/>	
Urgency <input type="checkbox"/> Same day <input checked="" type="checkbox"/> Overnight <input type="checkbox"/> Next day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> Immaterial	
Selection & Comparison <input type="checkbox"/> US Post <input type="checkbox"/> Federal Express <input type="checkbox"/> DHL <input type="checkbox"/> UPS <input type="checkbox"/> Purolator <input type="checkbox"/> Emery	
Postage Calculated <input type="text"/> \$0.320 <input type="checkbox"/> Manual <input type="text"/>	
Button Status Amount Remaining: <input type="text"/> \$1001.680 Button OK.	
Ready	
NUM	

FIG. 9



POSTAGEMAKER BUTTON VALIDATION

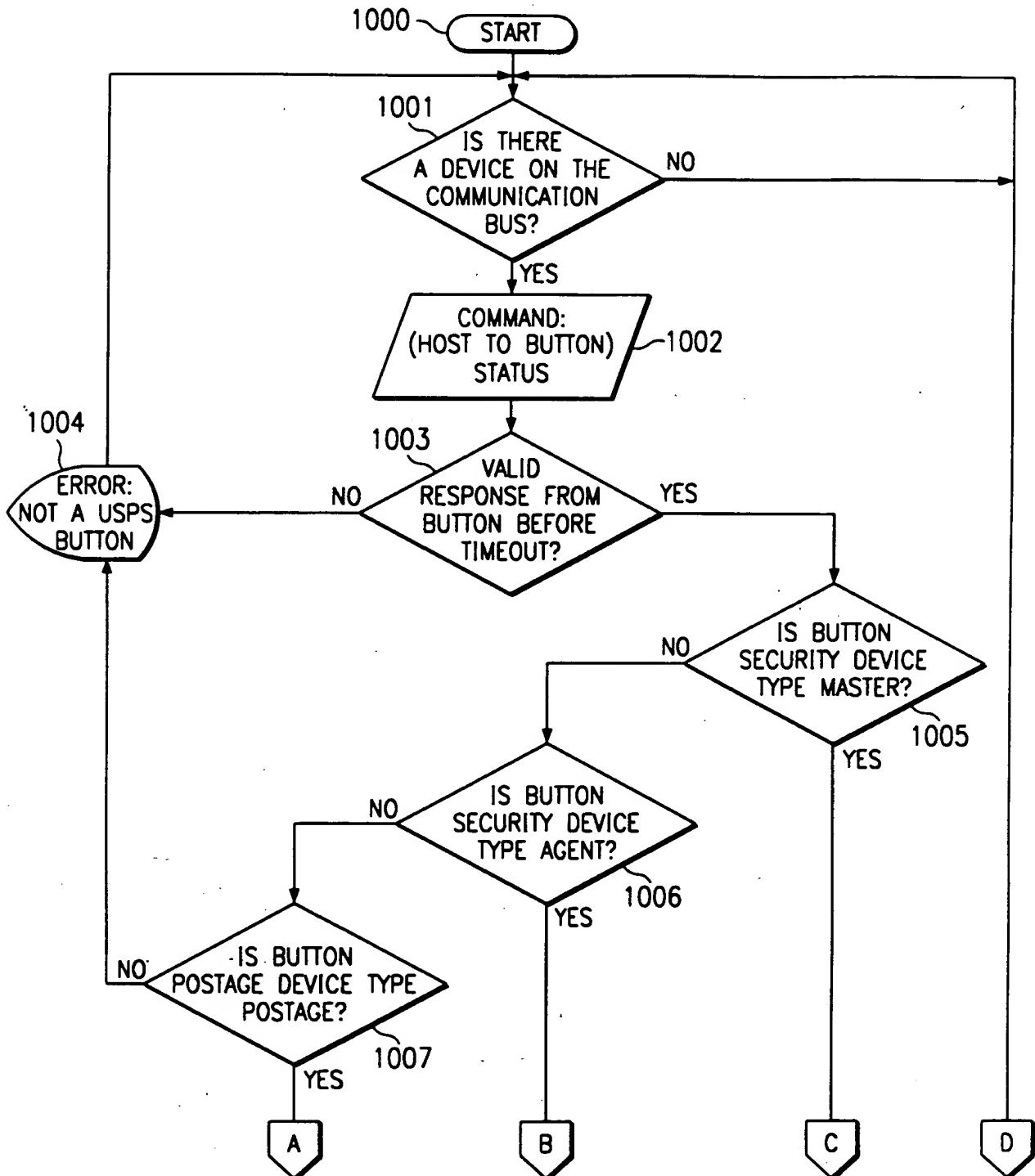


FIG. 10A

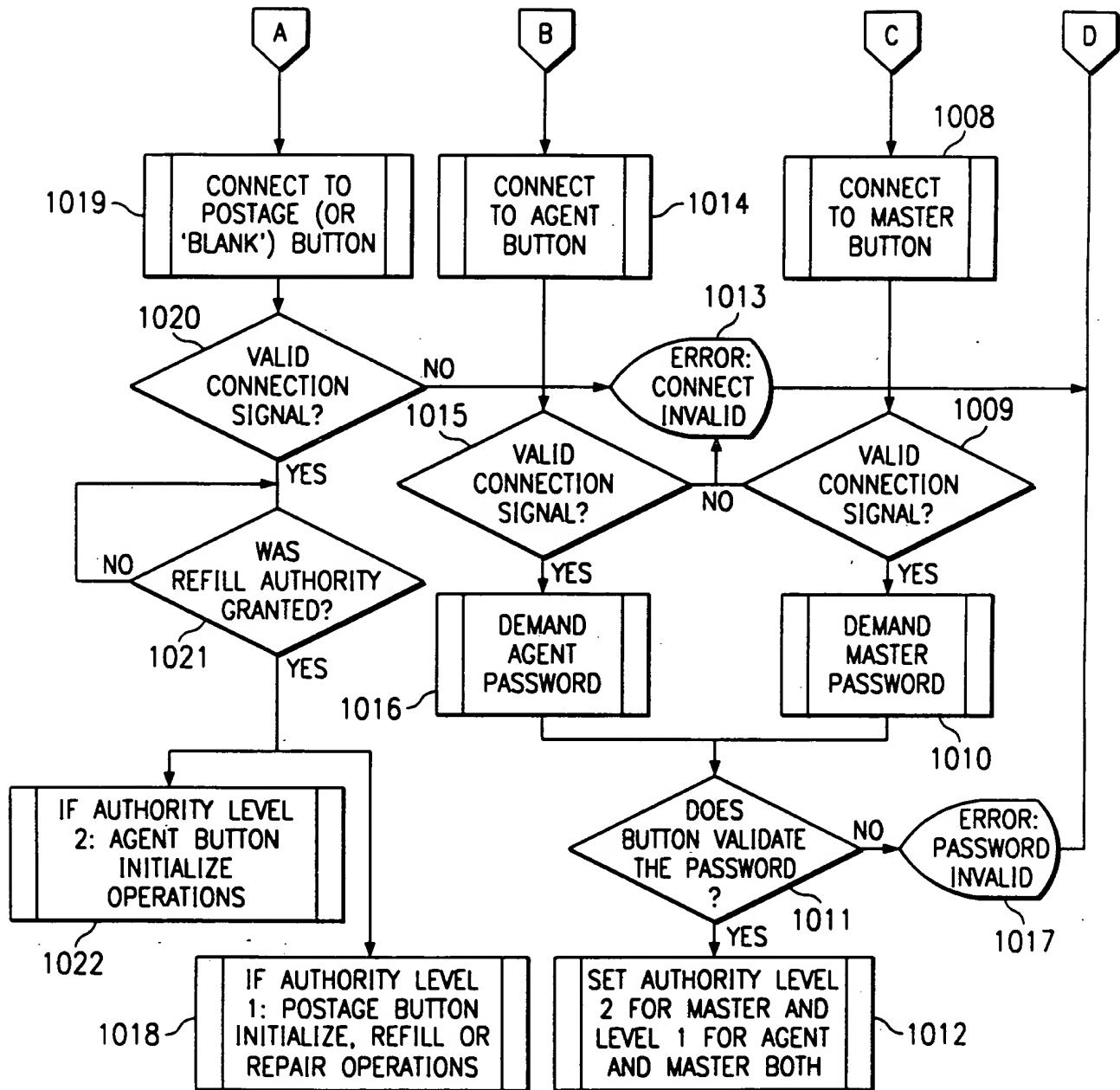


FIG. 10B

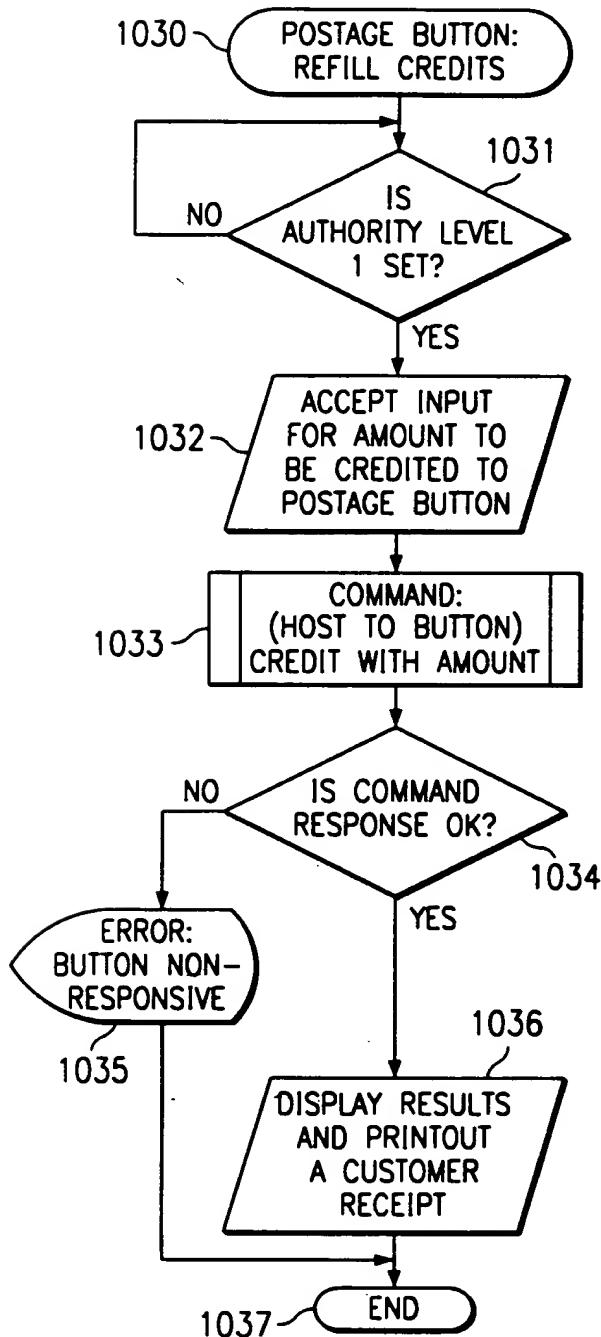
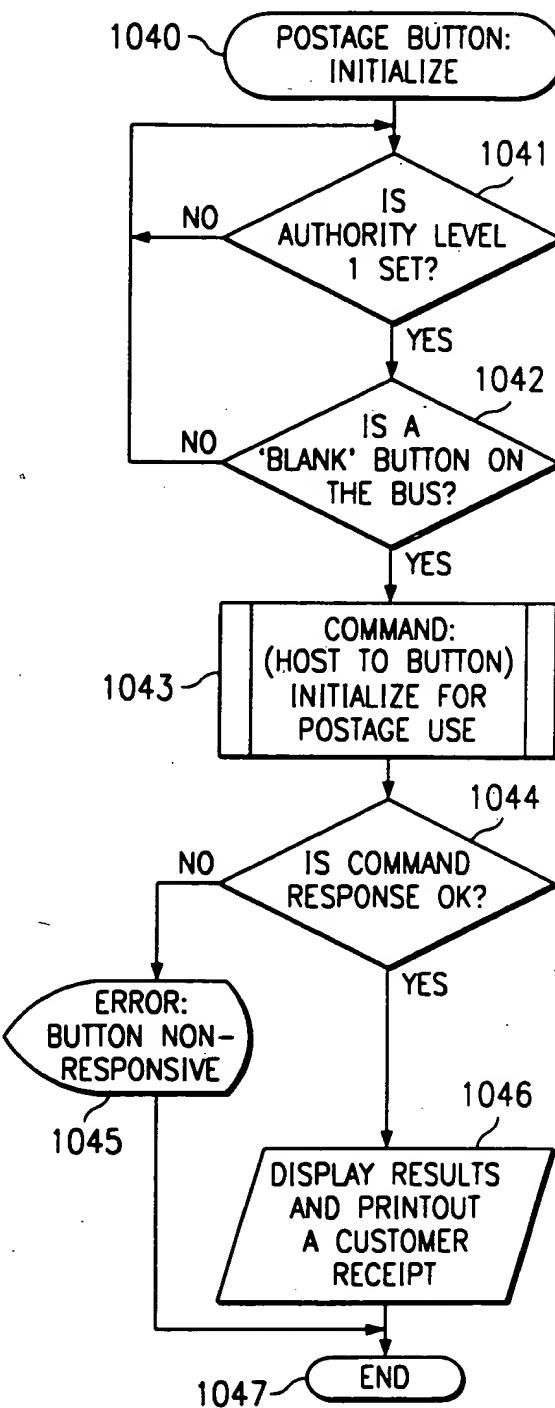
POSTAGEMAKER BUTTON
REFILL PROCESSPOSTAGEMAKER BUTTON
INITIALIZATION PROCESS

FIG. 10C

FIG. 10D

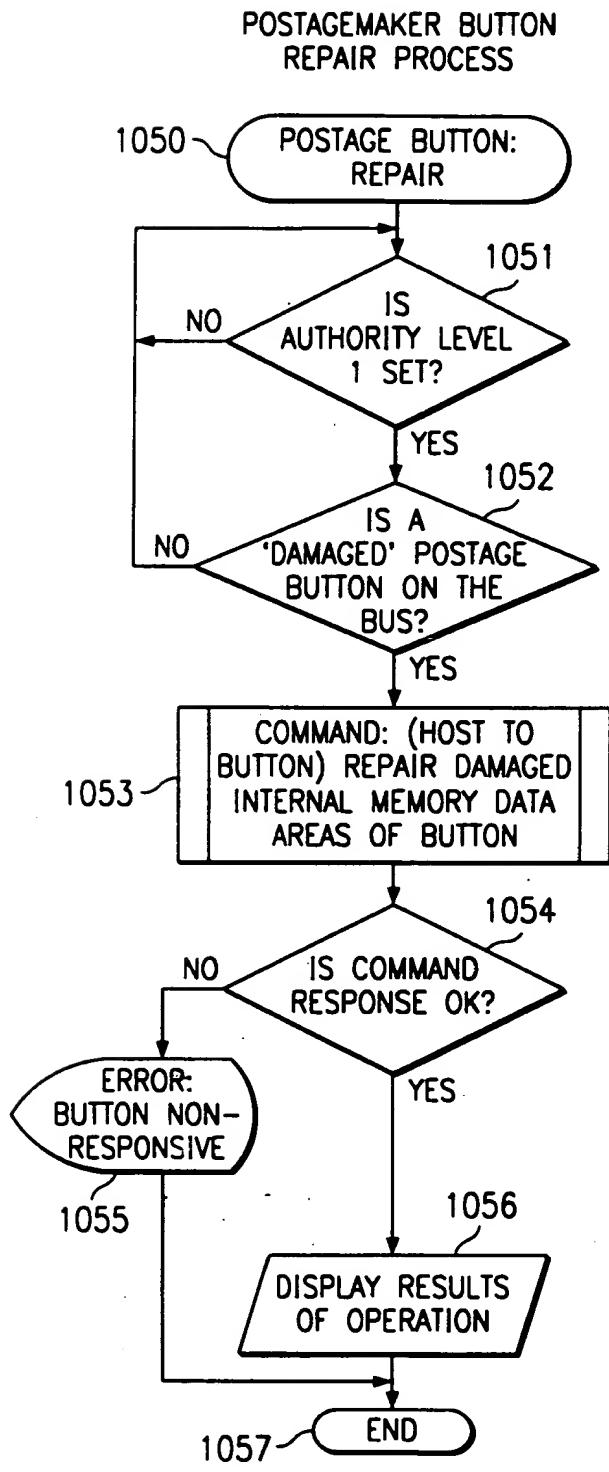


FIG. 10E

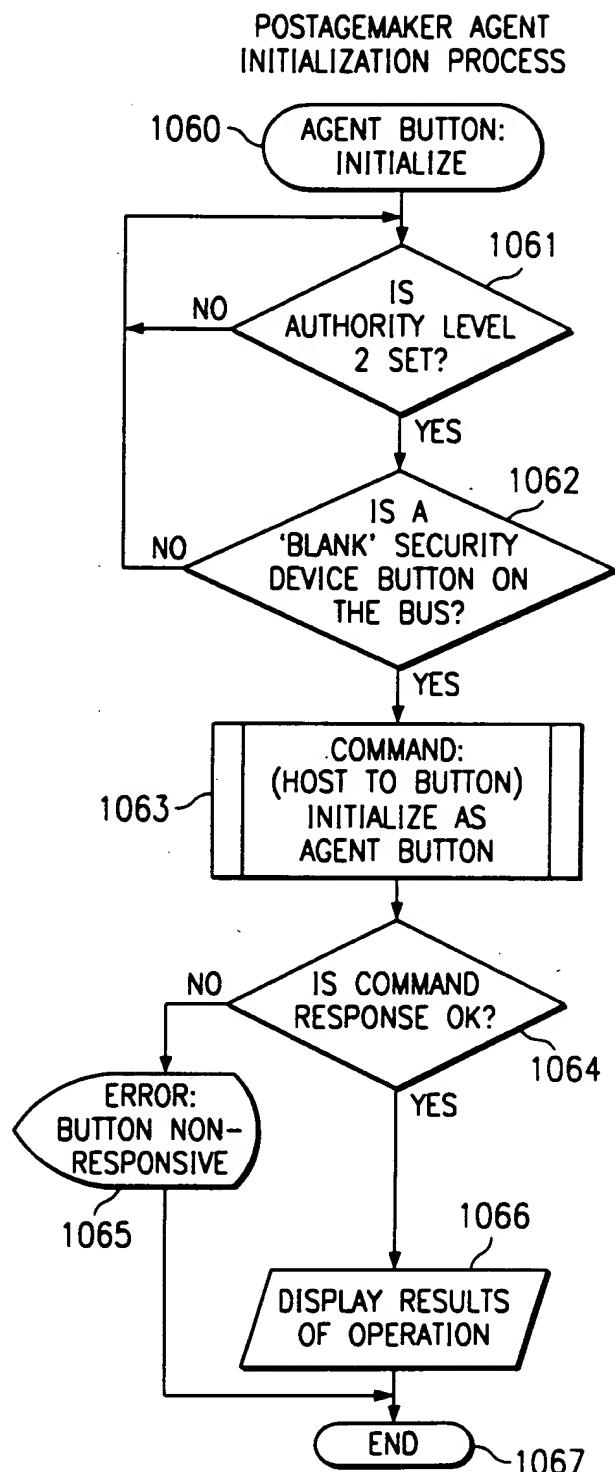


FIG. 10F

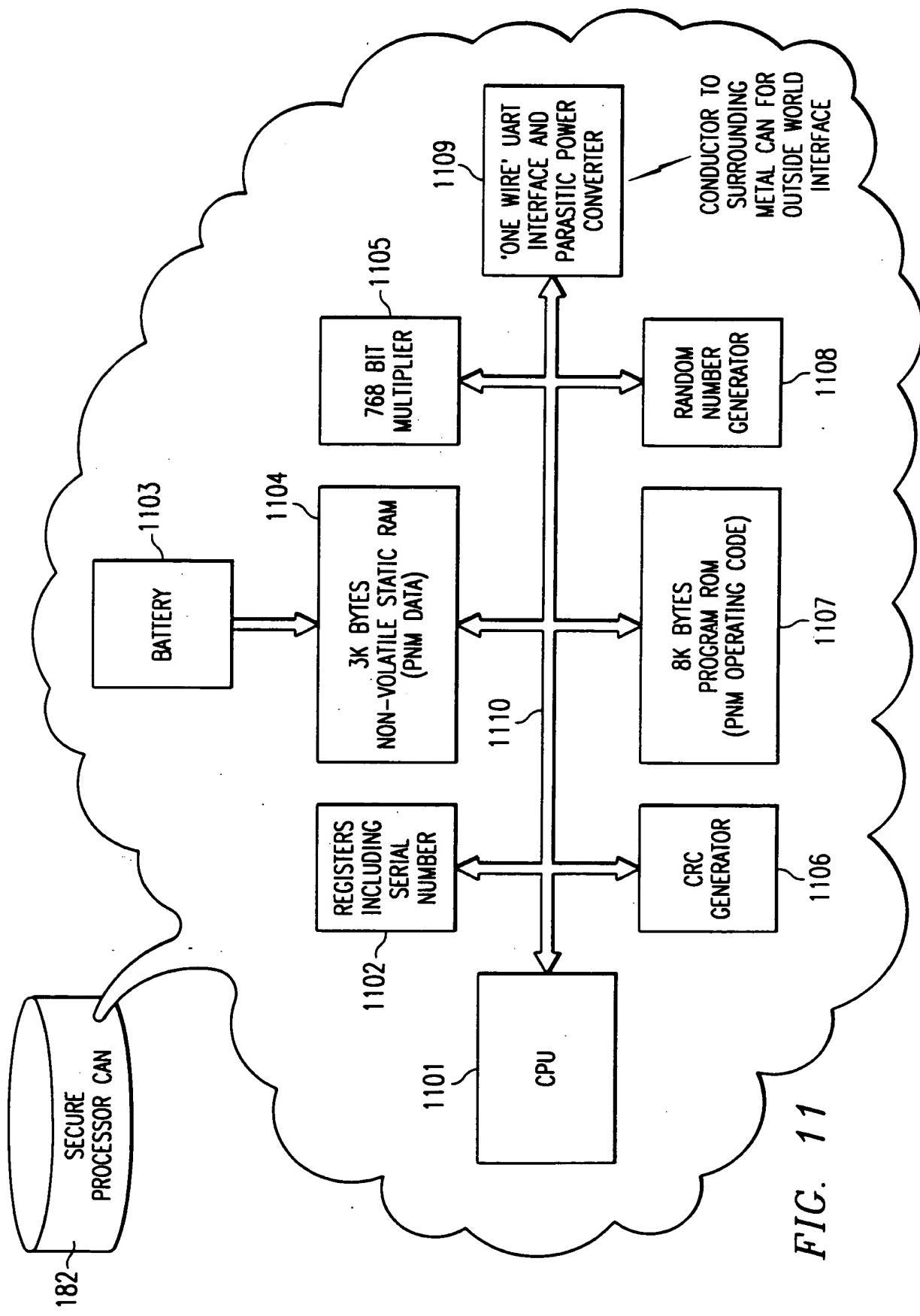


FIG. 11

BLOCK DIAGRAM OF MEMORY LAYOUT FOR PREFERRED
EMBODIMENT OF PORTABLE POSTAGE PROCESSOR

3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME	CURRENT BALANCE
CREATING AGENT ID	STRIKE COUNTER
BUTTON TYPE: (POSTAGE)	BALANCE BEFORE LAST REFILL
PASSWORD	LAST REFILL DATE
USER REGISTRATION ID	LAST REFILL AMOUNT
USER NAME	LAST REFILL AGENT ID
USER ADDRESS	LAST REFILL POSTAL LOCATION ID
USER STATE	LAST REFILL STATION NUMBER
USER ZIP	TRANSACTION LOG
USER PHONE	EVENT LOG
USER FAX	ENCRYPTION KEYS

FIG. 12 1201

BLOCK DIAGRAM OF MEMORY LAYOUT FOR PREFERRED EMBODIMENT OF
PORTABLE SECURITY DEVICE PROCESSOR FOR AGENT AND MASTER

3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME	TRANSACTION LOG
CREATING MASTER ID	EVENT LOG
BUTTON TYPE: (AGNT OR MSTR)	ENCRYPTION KEYS
PASSWORD	
AGENT REGISTRATION ID	
AGENT NAME	
AGENT LOCATION ADDRESS	
AGENT STATE	
AGENT ZIP	
AGENT PHONE	

FIG. 13 1301

FIG. 14
SECURE METER PROCESS LOOP

